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Tecra M3 Series

Model Name	Description	Part Number	UPC
Tecra M3-S336	Intel® Pentium® M Processor 750 [1.86GHz, 2MB L2 cache, 533MHz FSB], 14.1" diagonal TFT active-matrix XGA LCD display at 1024x768 native resolution, 512MB (512MBx1) Memory, 80GB (5400 RPM) HDD, CD-RW/DVD-ROM, Intel PRO/Wireless 2200BG (802.11b/g), nVIDIA GeForce Go 6600 TE 128M (128MB), 6-cell battery, Microsoft Windows XP Professional, 3-year standard limited warranty, 1-year standard limited warranty on battery and AC adapter	**PTM30U-02M00L**	**032017352186**

System Characteristics[1]

Operating System
- Microsoft® Windows® XP Professional

Intel® Centrino™ Mobile Technology featuring:
Intel Processor[2]:
- Intel Pentium M Processor 750 [1.86GHz, 2MB L2 cache, 533MHz FSB]

Chipset
- Mobile Intel 915PM Express Chipset

Integrated Wi-Fi™ compliant wireless LAN:
- Intel PRO/Wireless 2200BG (802.11b/g)

Memory
- 512MB (Min)/2048MB (Max), 2 memory slots using 256MB, 512MB, or 1024MB DDR2 533MHz PC2-4200 SDRAM 2.5V SODIMM memory modules; both slots may be occupied.

Mass Storage
Hard Drive[3]
- 80GB (5400 RPM) Enhanced IDE (ATA-6) hard disk drive; 9.5mm height; user removable

Optical Disk Drives
- Select Bay CD-RW/DVD drive:
  - Maximum Speed:
    - CD-ROM (24x:read), CD-R (24x:write), CD-RW (10x:write), DVD-ROM (8x:read)
  - Compatibility:
    - CD-ROM (read), CD-R (read/write), CD-RW (read/re-write), DVD-ROM (read), DVD-R (read), DVD-RW (read), DVD+R (read), DVD-RAM (read)

Display[4]
- 14.1" diagonal TFT active-matrix LCD XGA display at 1024x768 native resolution
- Brightness Control [keyboard: Fn+F6 (decrease brightness) or Fn+F7 (increase brightness)]

Graphics[5]
- nVIDIA® GeForce™ Go 6600 TE 128M with dedicated 128MB DDR SDRAM

Input Devices
- Keyboard
  - 85 key US keyboard
  - Toshiba FN Shortcut Keys; please see electronic User's Guide for more information
- Pointing Device: Toshiba dual point device

Expandability
- 2 main memory slots. Both slots may be occupied.
- 1 PC Card slot; supports 1 Type II, PCMCIA R2.01, PC Card16, CardBus
- 1 slot for ExpressCard/34 or ExpressCard/54 (extended) module support
- Secure Digital® slot
- 240-pin Advanced Port Replicator III docking connector

Communications
- Integrated V.92 modem[6]
- Marvell® PCI Express Network Connection – 10Base-T/100Base-TX/1000Base-TX Ethernet
- Optional Bluetooth Version 1.2 available (see Accessories)
- Wireless-LAN:[7] Integrated Intel PRO/Wireless Network Connection 2200BG (802.11b/g)

Ports
- Parallel port
- RGB (monitor) port
- Fast Infrared (4Mbps) port
- 2 Universal Serial Bus (USB) ports (v2.0)
- TV-out (S-Video)
- RJ-11 modem port
- RJ-45 LAN port
- i.LINK™ IEEE-1394
- 240-pin docking connector for Advanced Replicator III
- Microphone jack
- Headphone jack

Physical Description
- Dimensions (WxDxH Front/H Rear): 12.36" (314.0mm) x 10.20" (259.0mm) x 1.24" (31.5mm)[F]/1.37" (34.9mm)[R] without feet
- Weight[8]: 4.98 lb. (2260 g) (min) ~ 6.11 lb. (2770 g) (max) depending upon configuration
- Indicators: Power, DC-IN, Primary HDD/ODD Access, Caps Lock (keyboard), Arrow Mode (keyboard), Numeric Mode (keyboard)
- Case material: PC+ABS Plastic; Magnesium alloy LCD Cover painted Premium Silver; Premium Black for LCD Mask, Cover, and Base.

Sound
- Analog Devices AD1981B Software Sound
- 16-bit stereo; Built-in stereo speakers, Built-in microphone
- Direct3D Sound; DirectSound, Direct Music, MIDI (playback) Support
- Sound Volume Control Dial

Power Supply
- 75W (15V x 5A) Auto sensing external AC Adapter, 100-240V/50-60Hz frequency (Universal) input.
- Dimensions (WxDxH): 5.00" (127.0mm) x 1.20" (30.5mm) x 2.01" (51.0mm)
- Weight: starting at 0.78 lb. (355 g)

Battery[9]
- 6-cell (4700mAh) rechargeable, removable Lithium Ion (Li-Ion) battery pack
  - Battery Life: Up to 3 hours 25 minutes (measured by MobileMark™) (6-cell battery) [10]
  - Weight: approximately 0.75 lb. (338 g)
  - Dimensions (WxDxH): 8.15" (207.0mm) x 1.77" (45.0mm) x 0.79" (20.0mm)
  - Main Battery Recharge Time: up to 3 hours (system off) or up to 13 hours (system on)

Optional Slim Select Bay Second Battery (see Accessories):
- 6-cell (3600mAh) rechargeable, removable Lithium Ion (Li-Ion) battery pack
  - Weight: approximately 0.62 lb. (280 g)
  - Dimensions (WxDxH): 4.21" (107.0mm) x 4.72" (120.0mm) x 0.51" (13.0mm)
  - Battery Life: Up to 6 hours 5 minutes (measured by MobileMark) (6-cell primary battery plus 6-cell optional secondary battery)
  - Battery Recharge Time: 6-cell Main Battery plus 6-cell Second Battery: up to 6 hours (system off) or up to 22 hours 30 minutes (system on); or,

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Security

- Slot for cable lock;
- Items protected by a screw: Memory, Main Battery (by sliding lock); Main HDD (by screws only), SelectBay Device (by screw only)
- Passwords: User Power-on password, Supervisor Password, HDD Password
- Other locks: Keyboard Lock (by Hotkey), Screen Blank (by Hotkey), Screen Saver (by Software).

BIOS

- ACPI v1.0b, PNP v1.0a, VESA v2.0, DPMS, DDC, SM BIOS v2.34, PC BIOS v2.2 support

Software[11]

Toshiba Software and Utilities

- Toshiba ConfigFree™
- Toshiba Custom Utilities
- Toshiba PC Diagnostics Tool
- Electronic User's Guide

Third-party Software

- Microsoft Office® OneNote™ 2003
- Microsoft Works™ Version 8.0
- Sun® Java™ 2 Runtime Environment
- Adobe® Acrobat® Reader version 5.0
- Software Decoder: InterVideo® (WinDVD™ 5)
- InterVideo WinDVD Creator 2 Platinum
- Sonic™ PrimeTime
- Sonic Solutions RecordNow!™ Basic for Toshiba
- Sonic Solutions Drive Letter Access (DLA)
- Microsoft Windows Media Player version 10
- Napster® Digital Music Service – 30 days trial
- Computer Associates Easy FireWall – 30 days trial
- Norton® AntiVirus™ 2004 – w/3-Month Subscription
- AOL® version 9.0 – 3-Month offer
  AOL OFFER DETAILS: Availability may be limited, especially during peak times. TO AVOID BEING CHARGED A MONTHLY MEMBERSHIP FEE, SIMPLY CANCEL BEFORE THE THREE-MONTH PROMOTIONAL PERIOD ENDS. Premium services carry surcharges and communication surcharges may apply, including AK, even during promotional period. Members may incur telephone charges on their phone bill, depending on their location and calling plan, even during promotional period. Available to new AOL members in the United States, age 18 or older; a major credit card or checking account is required.
- AT&T® Worldnet® Service – 1 Month offer
  Telephone access and other charges and other terms and conditions may apply. Offer available to new customers only,
- Intuit® Quicken® New User Edition 2004
- QuickTime™ Player
- RealOne™ Player 8 Basic

Environmental Specifications

	Operating	Non-Operating
Temperature	5° to 35°C (41° to 95°F)	-20° to 65°C (-4° to 149°F)
Thermal Gradient	15°C per hour maximum	20°C per hour maximum
Relative Humidity	20% to 80%	10% to 95%
Altitude (relative to sea level)	-60 to 3000 meters	-60 to 10,000 meters
Shock	7G; 1.5G when CDRW-DVD ROM device installed	60G
Vibration	0.2G; 0.25G when CDRW-DVD ROM device installed	1.0G

Limited Warranty

- 3-year standard, limited warranty; 1-year standard, limited warranty on battery and AC Adapter.

Toshiba offers many different warranty extensions and enhanced service plans such as SystemGuard®, At-Home Repair, and Service Express to provide additional support to your notebook PC. For a full description and complete list of programs, please visit http://www.accessories.toshiba.com

Recommended Services for Products with a 3-year Standard, Limited Warranty

Warranty Extension

Extends the standard warranty for up to 4 years from the original notebook purchase date. See Toshiba Service Plan Agreement for program terms and conditions at www.pcsupport.toshiba.com.

Part Number	Description
SWC-PTQQ4V	4th Year Warranty Extension

SystemGuard Accidental Damage Coverage1

Provides coverage of accidental damage caused by drops, spills and even screen breakage. Warranty Extension included except with 1 Year plan.

Part Number	Description
SWC-PSGQ1V	1st/2nd/3rd Year
SWC-PTGQDV	1st/2nd/3rd/4th Year + Warranty Extension
SWC-PTGQ4V	4th Year Only + Warranty Extension

ServiceExpress

Select your express repair service with either Depot Express or Carry-In Express. Depot Express: Notebook repaired the same day it is received, and returned via overnight delivery. Shipping and box provided. Carry-In Express: Notebook repaired by the next business day at any Premier Authorized Service Provider. Warranty Extension included except with 1 Year plan.

Part Number	Description
SWP-PQQP3V	1st/2nd/3rd Year
SWC-PTQPDV	1st/2nd/3rd/4th Year + Warranty Extension
SWC-PTQP4V	4th Year Only + Warranty Extension

Business On-Site Repair

A technician arrives with parts at the customer's business location the next business day and performs the necessary hardware repairs. Warranty Extension included except with 1 Year plan.

Part Number	Description
SWP-PQQN3V	1st/2nd/3rd Year
SWC-PTQNDV	1st/2nd/3rd/4th Year + Warranty Extension
SWC-PTQN4V	4th Year Only + Warranty Extension

SystemGuard1 + ServiceExpress

Combines SystemGuard and ServiceExpress coverage. Warranty Extension included except with 1 Year plan.

Part Number	Description
SWP-PQGP3V	1st/2nd/3rd Year
SWC-PTGPDV	1st/2nd/3rd/4th Year + Warranty Extension
SWC-PTGP4V	4th Year Only + Warranty Extension

SystemGuard1 + Business On-Site Repair

Combines SystemGuard and Business On-Site Repair coverage. Warranty Extension included except with 1 Year plan.

Part Number	Description
SWP-PQGN3V	1st/2nd/3rd Year
SWC-PTGNDV	1st/2nd/3rd/4th Year + Warranty Extension
SWC-PTGN4V	4th Year Only + Warranty Extension

Accessories

For additional and most updated accessories, please visit www.accessories.toshiba.com

Memory

Part Number	Description
KTT533D2/512	Kingston 512MB DDR2
KTT533D2/1G	Kingston 1GB DDR2

Power

Part Number	Description
PA3283U-2ACA	Toshiba 75W Global AC Adapter
PA3356U-2BRS	Toshiba Primary Li Ion Battery Pack (6 Cell)
PA3357U-1BRL	Toshiba Primary High Capacity Li Ion Battery Pack (12 Cell)
PA3129U-2BRS	Toshiba Slim SelectBay 2nd 3600mAh Battery Pack
PA3091U-1CHG	Toshiba Battery Charger w/Integrated AC Adapter

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Cases-Security

Part Number	Description
PA1360U-1NCS	Toshiba Executive Nylon Case (15.4")
PA1361U-1NCS	Toshiba Executive Leather Case (15.4")
PA1362U-1NCS	Toshiba BackPack (15.4")
PA1376U-1NCS	Toshiba/Brenthaven SlimLine Case 14.1"
PA1377U-1NCS	Toshiba/Brenthaven Deluxe Shoulder Case 15.4"
PA1378U-1NCS	Toshiba/Brenthaven Wheeled Case 17"
NWDEFCL	Targus-Noteworthy DEFCON CL Cable Lock

Expansion

Part Number	Description
PA3314U-1PRP	Toshiba Advanced Port Replicator III w/75W AC Adapter

Input Devices

Part Number	Description
PA1336U-1NKB	Toshiba USB Keyboard
PA1337U-1NMS	Toshiba USB Optical Scroller Mouse
PA1367U-1NMS	Toshiba USB Ultra-Mini Retractable Scroller Mouse
PA1368U-1NHB	Toshiba USB 2.0 Mini 4-Port Hub (w/AC adapter)
PA1370U-1ETC	Toshiba Keyboard Protector (Tecra/Satellite/Qosmio)

Storage and Backup

Part Number	Description
PA3404U-1H40	Toshiba USB Mobile Hard Drive 40GB (1.8")
UABS2-60.0	CMS ABSplus 60GB USB 2.0 Auto Backup System
UABS2-80.0	CMS ABSplus 80GB USB 2.0 Auto Backup System
PA3109U-1FDD	Toshiba USB Floppy Disk Drive Kit

Slim Select Bay

Part Number	Description
PA3231U-1DV1	Toshiba Slim SelectBay DVD Multi Drive Kit (Black)
PA3359U-1DV2	Toshiba Slim SelectBay DVD SuperMulti Drive Kit (Black)
PA3204U-1H60	Toshiba 60GB 5400 rpm HDD Kit, (with Bracket)
PA3230U-1H80	Toshiba 80GB 5400 rpm HDD Kit, (with Bracket)
PA3134U-1ETC	Toshiba Slim SelectBay HDD Adapter (Black Bezel)
PA3306U-1H60	Toshiba 60GB 7200 rpm HDD Kit, (with Bracket)

Multimedia

Part Number	Description
PA3390U-1MPM	Toshiba MultiMedia Center/Audio USB Hub

Wireless LAN

Part Number	Description
PA3363U-2MPC	Wireless LAN Card Kit, Mini-PCI (802.11g) (Intel) [dealer install only]
PA3376U-1MPC	Wireless LAN Card Kit, Mini-PCI (802.11ag) (Intel) [dealer install only]
PA3318U-2MPC	Wireless LAN Card Kit, Mini-PCI (802.11ag) (Atheros) [dealer install only]

Bluetooth

Part Number	Description
PA3425U-1BTM	Bluetooth Module Kit (V1.2) [dealer install only]
PA3405U-1BTM	Toshiba Bluetooth USB adapter
PA1381U-1ETC	Toshiba Bluetooth Headphones
PA1380U-1NMS	Toshiba Bluetooth Travel Mouse
PA3370U-1BTM	Toshiba Bluetooth SD Card V1.2

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[1] Certain notebook chassis are designed to accommodate all possible configurations for an entire product series. Your select model may not have all the features and specifications corresponding to all of the icons or switches shown on the notebook chassis, unless you have selected all those features.

[2] CPU performance in your computer product may vary from specifications under the following conditions:

1. Use of certain external peripheral products
2. Use of battery power instead of AC power
3. Use of certain multimedia, computer generated graphics or video applications
4. Use of standard telephone lines or low speed network connections
5. Use of complex modeling software, such as high end computer aided design applications
6. Use of several applications or functionalities simultaneously
7. Use of computer in areas with low air pressure (high altitude greater than 1,000 meters or greater than 3,280 feet above sea level)
8. Use of computer at temperatures outside the range of 5°C to 30°C (41°F to 86° F) or >25°C (77°F) at high altitude (all temperature references are approximate and may vary depending on the specific computer model – please refer to your Resource Guide or visit the Toshiba website at www.pcsupport.toshiba.com for details.)

CPU performance may also vary from specifications due to design configuration.
Under some conditions, your computer product may automatically shut-down. This is a normal protective feature designed to reduce the risk of lost data or

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damage to the product when used outside recommended conditions. To avoid risk of lost data, always make back-up copies of data by periodically storing it on an external storage medium. For optimum performance, use your computer product only under recommended conditions. Read additional restrictions under “Environmental Conditions” in your product Resource Guide. Contact Toshiba Technical Service and Support for more information.

[3] One (1) Gigabyte (GB) means 1000 x 1000 x 1000 = 1,000,000,000 bytes using powers of 10. The computer operating system, however, reports storage capacity using powers of 2 for the definition of 1 GB = 1024 x 1024 x 1024 = 1,073,741,824 bytes, and therefore may show less storage capacity. Available storage capacity will also be less if the product includes one or more pre-installed operating systems, such as Microsoft Operating System and/or pre-installed software applications, or media content. Actual formatted capacity may vary.

[4] Small bright dots may appear on your TFT display when you turn on your PC. Your display contains an extremely large number of thin-film transistors (TFT) and is manufactured using high-precision technology. Any small bright dots that may appear on your display are an intrinsic characteristic of the TFT manufacturing technology. Over a period of time, and depending on the usage of the computer, the brightness of the LCD Screen will deteriorate. This is an intrinsic characteristic of LCD technology.

[5] Graphics processor unit ("GPU") performance may vary depending on product model, design configuration, applications, power management settings and features utilized. GPU performance is only optimized when operating in AC power mode and may decrease considerably when operating in battery power mode. The graphics processor is optimized for this specific computer model and GPU performance will be slower than the standard nVIDIA® GeForce™ Go 6200/6600. GPU performance is only optimized at ambient temperatures between 5C and 30C.

[6] Due to FCC limitations, speeds of 53 kbps are the maximum permissible transmission rates during download. Actual data transmission speeds will vary depending on line conditions.

[7] Wireless connectivity is subject to availability of access points. You might have to purchase additional software, hardware and/or services or pay for phone charges or air time to achieve the functionality as advertised. The transmission speed over the wireless LAN and the distance over which wireless LAN can reach may vary depending on surrounding electromagnetic environment, obstacles, access point design and configuration, and client design and software/hardware configurations. The actual transmission speed will be lower than the theoretical maximum speed.

[8] Weight may vary depending on product configuration, vendor components, manufacturing variability and options selected.

[9] Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Recharge time varies depending on usage. Battery may not charge while computer is consuming full power. After a period of time, the battery will lose its ability to perform at maximum capacity and will need to be replaced. This is normal for all batteries. To purchase a new battery pack, see the accessories information that shipped with your computer or visit the Toshiba web site at http://www.accessories.toshiba.com.

[10] MobileMark™ is a registered trademark of Business Applications Performance Corporation.

[11] Some software may differ from its retail version (if available), and may not include user manuals or all program functionality.

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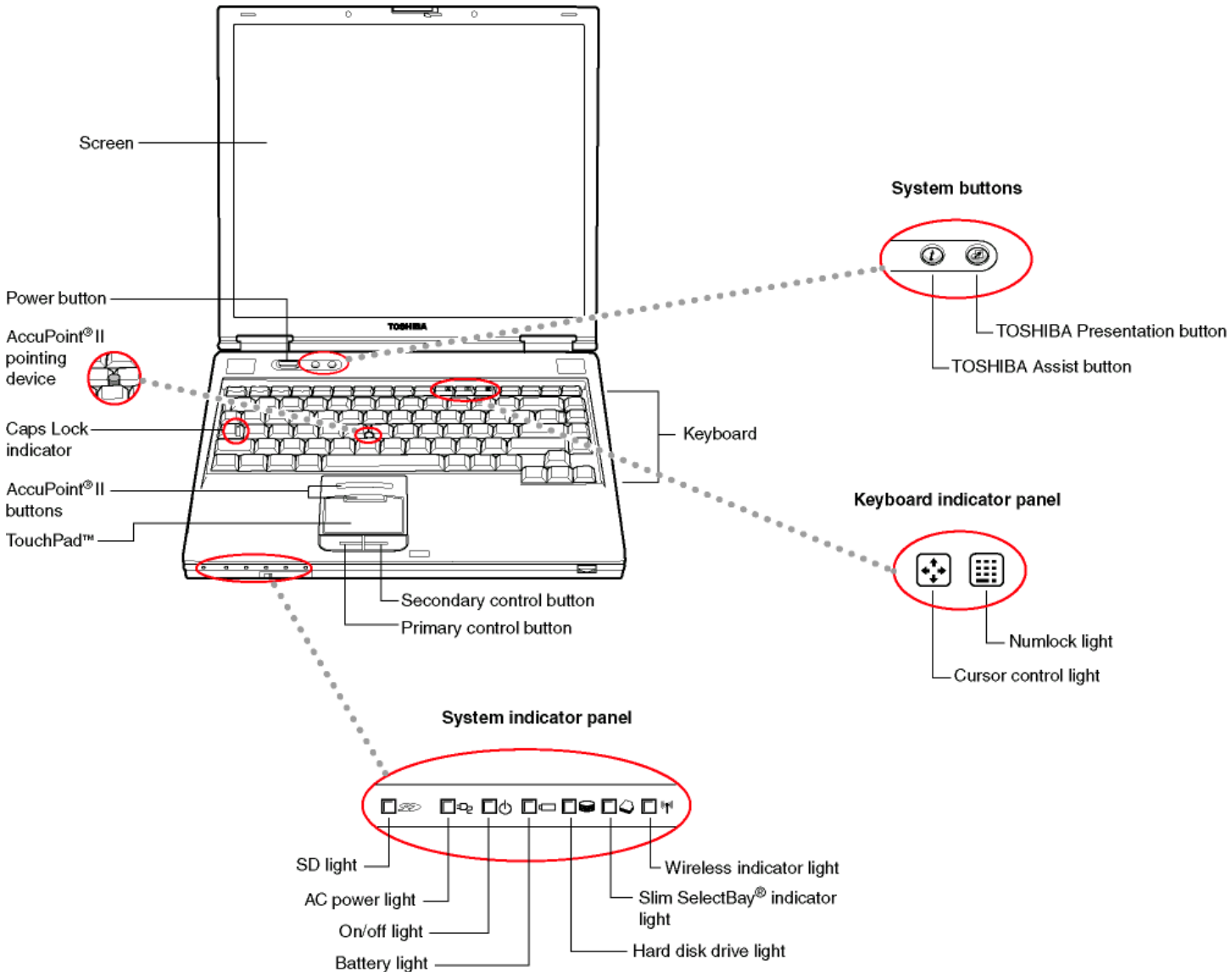
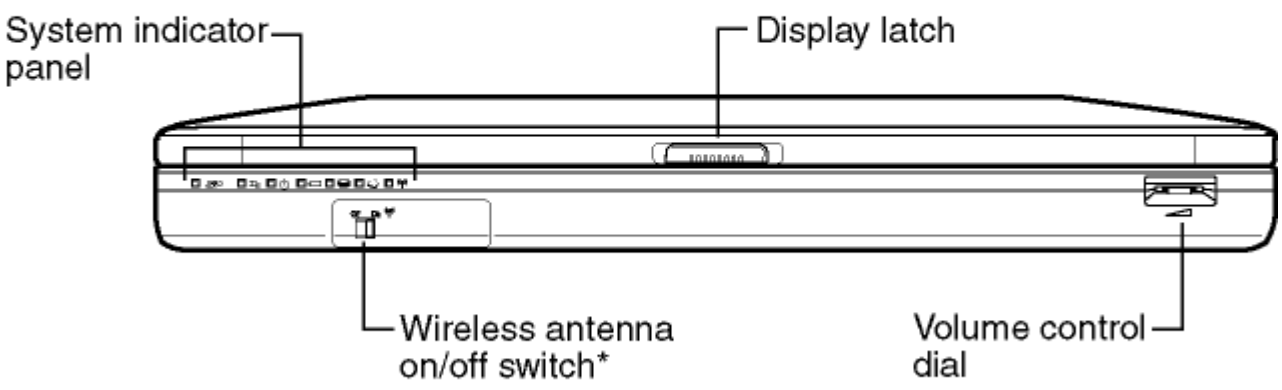
Front with display open

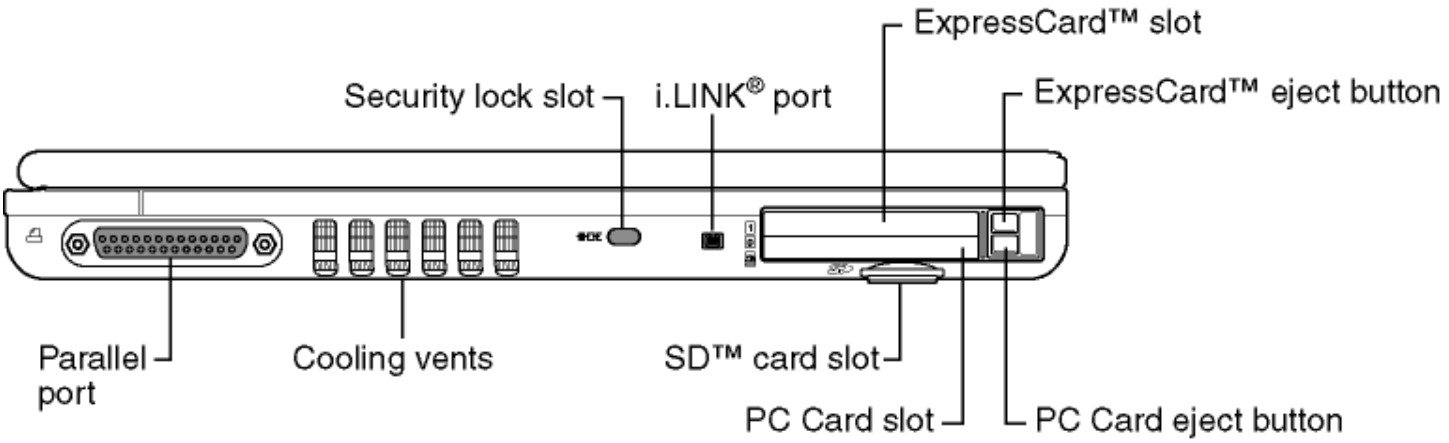


Front with display closed

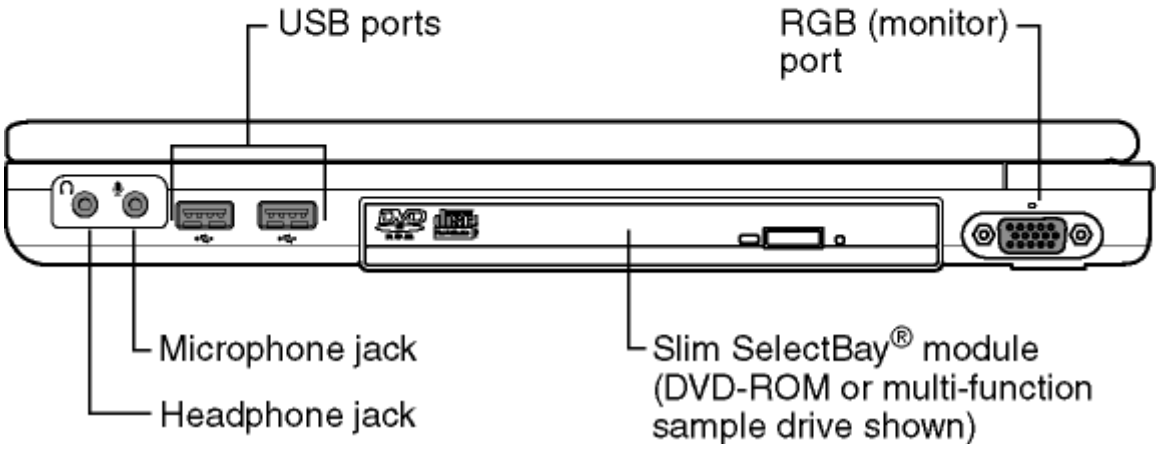


*Functional only on systems with wireless module installed.

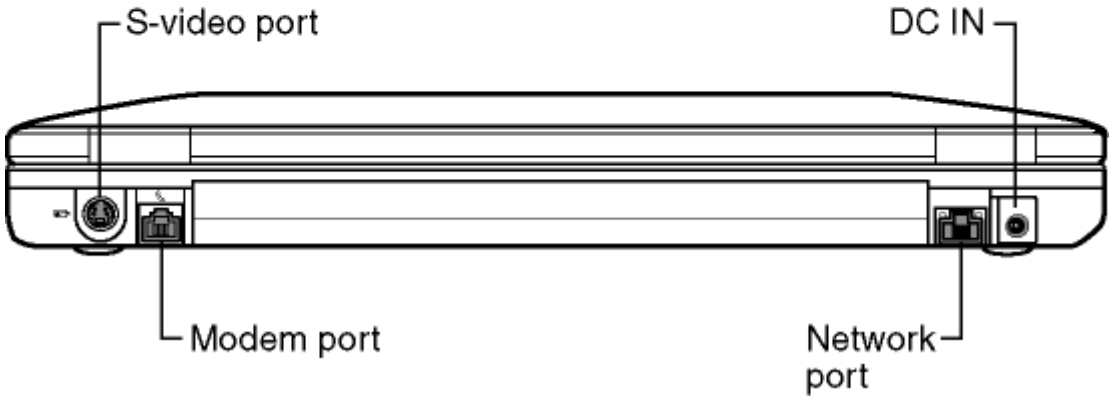
Left side



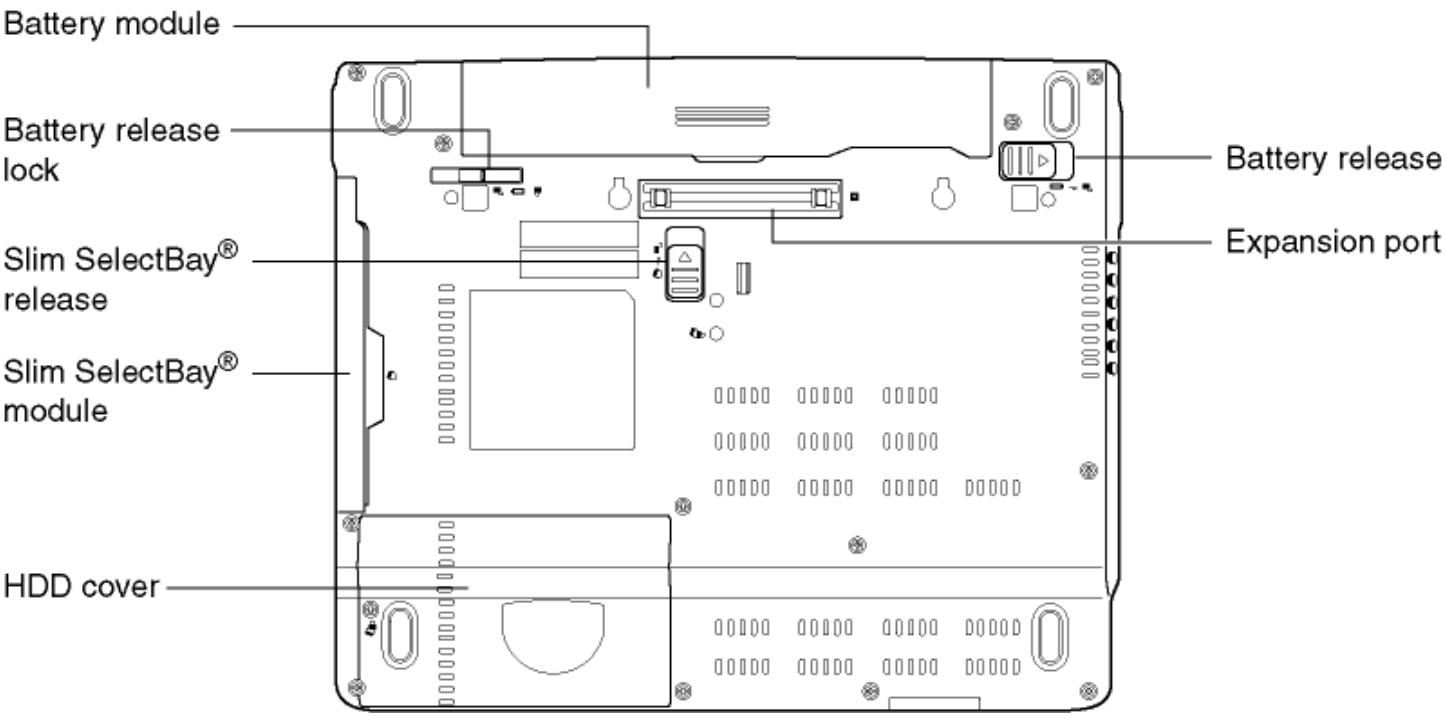
Right side



Back



Underside


Battery module
Battery release lock
Slim SelectBay® release
Slim SelectBay® module
HDD cover
Battery release
Expansion port